Amendments to the Claims:

This listing of claims replaces all previous versions, and listings, of the claims in this application.

Claim 1. (cancelled)

Claim 2. (cancelled)

Claim 3. (currently amended) A process for producing algae-resistant roofing granules, the process comprising:

(a) providing inert base particles;

(b) forming first intermediate particles by coating the inert base particles with a first mixture including;

at least one algaecidal material comprising cuprous oxide, and

a void-forming material, the void-forming material releasing gaseous material at temperatures above 90 °C, and having an average particle size no larger than 2 mm,

to form a first layer on the inert base particles;

(c) forming second intermediate particles by coating the first intermediate particles with a second mixture including a binder and a coloring material and not including a void-forming material; and

(d) heating the second intermediate particles to release the gaseous material and form pores in the first layer to produce the roofing granules.

Claim 4. (currently amended) A process according to claim 3 wherein the first mixture further includes a binder, the binder comprising an aluminosilicate material and an alkali metal silicate.

Claim 5. (cancelled)

Claim 6. (cancelled)

Claim 7. (currently amended) A process according to claim 3 wherein the second mixture further includes a binder, the binder comprising an aluminosilicate material and an alkali metal silicate.

Claim 8. (cancelled).

Claim 9. (cancelled)

Claim 10. (cancelled)

Claim 11. (previously presented) A process according to claim 3 wherein the cuprous oxide comprises at least 2 percent of the algae resistant granules.

Claim 12. (previously presented) A process according to claim 3 wherein the at least one algaecidal material further comprises zinc oxide.

Claim 13. (original) A process according to claim 12 wherein the zinc oxide comprise at least 0.1 percent by weight of the algae-resistant granules.

Claim 14. (original) A process according to claim 3 wherein the void-forming material comprises a substance selected from the group comprising ground walnut shells, sugar, and carbon black.

Claim 15. (original) A process according to claim 14 wherein the void-forming material comprises at least 0.1 percent by weight of the algae-resistant granules.

Claim 16. (original) A process according to claim 3 wherein the coloring material is selected from the group comprising transition metal oxides.

Claim 17. (original) A process according to claim 3 wherein the second intermediate particles are heated to a temperature of at least 500 degrees C.

Claim 18. (original) A process according to claim 3 wherein the granules have a pore size in the range of about 0.1 to 20 μm.

Claim 19. (original) A process according to claim 3 wherein the first intermediate layer has a thickness of about 30 μm.

Claim 20. (original) A process according to claim 3 wherein the second intermediate layer has a thickness of about 5 μm.

Claim 21. (cancelled)

Claim 22. (cancelled)

Claim 23. (original) A process according to claim 21 wherein the second mixture further includes at least one algaecidal material.

Claim 24. (cancelled)

Claim 25. (cancelled)

Claim 26. (withdrawn) A process for producing algae-resistant roofing shingles, the process comprising producing algae-resistant roofing granules, and adhering the granules to a shingle stock material, the algae-resistant roofing granules being produced by a process comprising:

(a) providing inert base particles;

(b) forming first intermediate particles by coating the inert base particles with a first mixture including;

at least one algaecidal material, and

a void-forming material, the void-forming material releasing gaseous material at temperatures above 90 °C, and having an average particle size no larger than 2 mm,

to form a first layer on the inert base particles;

(c) forming second intermediate particles by coating the first intermediate particles with a second mixture including a coloring material; and

(d) heating the second intermediate particles to decompose the void-forming material and form pores in the first layer to produce the roofing granules.

Claim 27. (withdrawn) An algae-resistant roofing shingle produced by the process of claim 26.

Claim 28. (new) A process for producing algae-resistant roofing granules, the process comprising:

(a) providing inert base particles;

(b) forming first intermediate particles by coating the inert base particles with a first mixture including;

a binder;

at least one algaecidal material, and

a void-forming material, the void-forming material releasing gaseous material at temperatures above 90 °C, and having an average particle size no larger than 2 mm,

to form a first layer on the inert base particles;

(c) forming second intermediate particles by coating the first intermediate particles with a second mixture including a binder and a coloring material and not including a void-forming material to form a second coating having a thickness of from about 2 micrometers to about 25 micrometers; and

(d) heating the second intermediate particles to release the gaseous material and form pores in the first layer to produce the roofing granules.

Claim 29. (new) A process according to claim 28 wherein the first mixture includes a binder comprising an aluminosilicate material and an alkali metal silicate.

Claim 30. (new) A process according to claim 28 wherein the second mixture includes a binder comprising an aluminosilicate material and an alkali metal silicate.

Claim 31 (new) A process according to claim 28 wherein the at least one algaecidal material is selected from the group consisting of copper compounds and zinc compounds.

Claim 32. (new) A process according to claim 28 wherein the at least one algaecidal material is cuprous oxide; the cuprous oxide comprising at least 2 percent of the algae resistant granules.

Claim 33. (new) A process according to claim 32 wherein the at least one algaecidal material further comprises zinc oxide, the zinc oxide comprising at least 0.1 percent by weight of the algae-resistant granules.

Claim 34. (new) A process according to claim 28 wherein the void-forming material comprises a substance selected from the group comprising ground walnut shells, sugar, and carbon black.

Claim 35. (new) A process according to claim 28 wherein the void-forming material comprises at least 0.1 percent by weight of the algae-resistant granules.

Claim 36. (new) A process according to claim 28 wherein the coloring material is selected from the group comprising transition metal oxides.

Claim 37 (new) A process according to claim 28 wherein the second intermediate particles are heated to a temperature of at least 500 degrees C.

Claim 38. (new) A process according to claim 28 wherein the granules have a pore size in the range of about 0.1 to 20 μm.

Claim 39. (new) A process according to claim 28 wherein the first intermediate layer has a thickness of about 30 μm.

Claim 40. (new) A process according to claim 28 wherein the second intermediate layer has a thickness of about 5 μm.

Claim 41. (new) A process according to claim 28 wherein the second mixture further includes at least one algaecidal material.